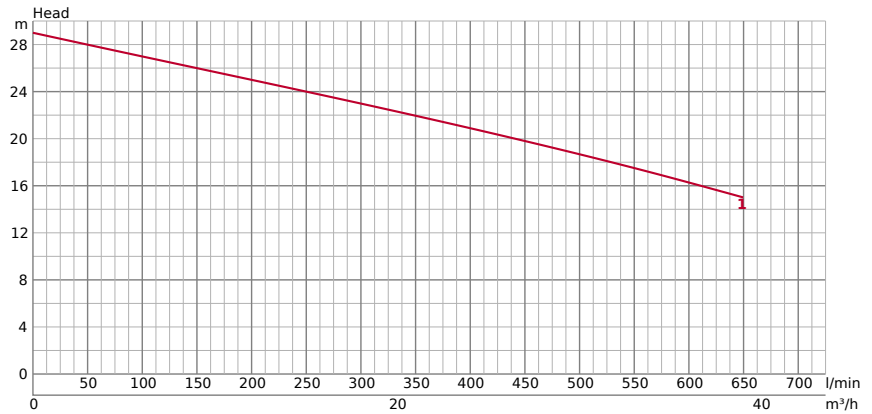


80C23.7-CR



TECHNICAL INFORMATION

<b>GENERAL</b>	<b>ø Discharge bore mm</b>	80mm	<b>PUMPING FLUID</b>	<b>Type of Fluid</b>	Sewage
	<b>Discharge Connection</b>	Inside thread, JIS10K flange		<b>Temperature</b>	0-40°C
			<b>Max. Solid Handling mm</b>	22 x 31	
			<b>Max. PH Value</b>	5-9	
			<b>Max. Capacity l/min</b>	650	
			<b>Max. Head m</b>	29	

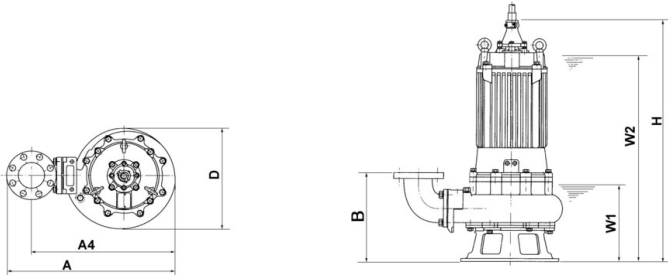
<b>PUMP</b>	<b>COMPONENTS</b>		<b>MATERIAL</b>	
	<b>Impeller</b>	Non-clog impeller with cutter mechanism	<b>Impeller</b>	Chromium iron casting with sintered tungsten carbide alloy tip
	<b>Bearings</b>	Shielded ball bearings	<b>Casing</b>	Grey iron casting EN-GJL-200
	<b>Mechanical Seal</b>	Dual mechanical seal in oil bath	<b>Suction Plate</b>	Chromium iron casting
			<b>Pump Body</b>	Grey iron casting EN-GJL-150
			<b>Mechanical Seal</b>	Silicon Carbide

TECHNICAL INFORMATION | Motor, Others on the next page →

MOTOR	Motor output kW	3,7	MATERIAL	
	Starting method	direct online	Frame	Grey iron casting EN-GJL-150
	Suitable for VFD	Yes	Shaft	Stainless steel EN-X30Cr13
	Suitable for Soft Starter	Yes	Cable	NSSHÖU 4C*1. 5mm <sup>2</sup>
	Type, Poles	Induction motor, 2 poles, IP68	Cable Length	10m
	Insulation	Insulation class F		
	Phase / Voltage	3-phase / 400V / 50Hz		
	r.p.m.	2894		
	Motor Protector (built-in)	Circle thermal cut-out		
	Rated Current	8		

OTHERS	Dry Weight Kg	70
	Pressure Resistance	max. 30m

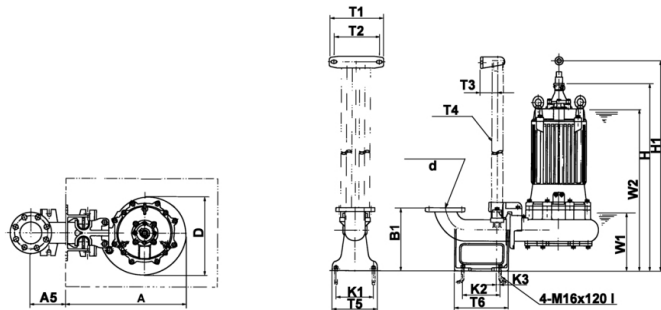
## DIMENSIONS



### DIMENSIONS - IN MM

<b>A</b>	519	<b>D</b>	260	<b>W1</b>	180
<b>A4</b>	427	<b>H</b>	613	<b>W2</b>	565
<b>B</b>	291				

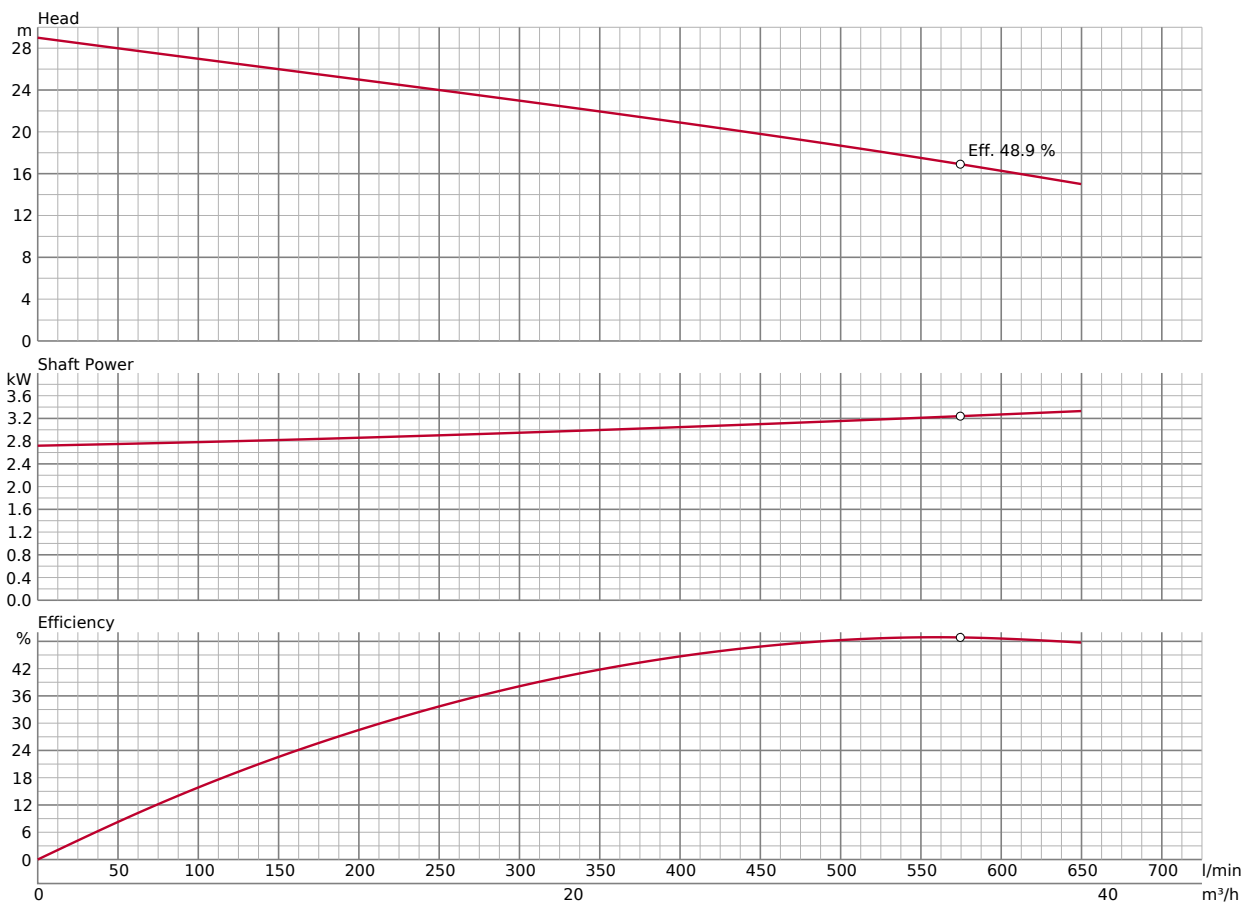
**DIMENSIONS | GUIDE RAIL FITTING TYPE**



**DIMENSIONS | GUIDE RAIL FITTING TYPE - IN MM**

<b>A</b>	435	<b>H</b>	640	<b>W1</b>	205
<b>A5</b>	165	<b>H1</b>	860	<b>W2</b>	595
<b>D</b>	260				

**PERFORMANCE CURVE**



Please mind: discharge bend, duck foot bend and stand set are accessories and must be ordered separately

## ACCESSORIES

### FLOAT SWITCH 106-TEG-01

Float 10m (for Sewage Pumps) from 3.7kW

Automatic Operation: Activates the submersible pump when water levels rise to a preset height and deactivates it when levels drop, preventing overflow or pump damage.



### FLOAT SWITCH 106-TEG-02

Float 20m (for Sewage Pumps) from 3.7kW

Automatic Operation: Activates the submersible pump when water levels rise to a preset height and deactivates it when levels drop, preventing overflow or pump damage.



### MOTOR PROTECTION PLUGS 547151003tu

Plug CEE 16A

#### SPECIFICATIONS

Amperage Control	6,3A - 10,0A	IP	44
Cable Gland	M25		

Rotary lever actuation, motor protection with adjustment of the respective rated current, with phase turner and rotary field control, cable gland, Overload Protection: Automatically disconnects the motor in case of excessive current draw, preventing over



## ACCESSORIES

### MOTOR PROTECTION PLUGS **547251003tu**

Plug CEE 32 A

#### SPECIFICATIONS

<b>Amperage Control</b>	6,3A - 10,0A	<b>IP</b>	44
<b>Cable Gland</b>	M32		

Rotary lever actuation, motor protection with adjustment of the respective rated current, with phase turner and rotary field control, cable gland, Overload Protection: Automatically disconnects the motor in case of excessive current draw, preventing over



### MOTOR PROTECTION PLUGS **5571510000tu**

Plug with float connection CEE 16A

#### SPECIFICATIONS

<b>Amperage Control</b>	6,0A - 10,0A	<b>IP</b>	44
<b>Cable Gland</b>	M25		

Rocker switch ON/OFF (HAND/AUTO), motor protection with adjustment of the respective rated current, contactor max. 7,5kW, with phase inverter, operating display and rotation field check cable gland for float switch and Power cable Overload Protection: Aut



### MOTOR PROTECTION PLUGS **5572510000tu**

Plug with float connection CEE 32A

#### SPECIFICATIONS

<b>Amperage Control</b>	6,0A - 10,0A	<b>IP</b>	44
<b>Cable Gland</b>	M32		

Rocker switch ON/OFF (HAND/AUTO), motor protection with adjustment of the respective rated current, contactor max. 7,5kW, with phase inverter, operating display and rotation field check cable gland for float switch and Power cable Overload Protection: Aut



## ACCESSORIES

### MOTOR PROTECTION PLUGS **587151003**

CEE MS PW Stecker 16/5 6h 6.3-10A DFK IP67

#### SPECIFICATIONS

<b>Amperage Control</b>	6,3A - 10,0A	<b>IP</b>	67
<b>Cable Gland</b>	M25		

Rotary lever actuation, motor protection with adjustment of the respective rated current, with phase turner and rotary field control, cable gland, Overload Protection: Automatically disconnects the motor in case of excessive current draw, preventing over



### MOTOR PROTECTION PLUGS **587251003**

CEE MS PW Stecker 32/5 6h 6.3-10A DFK IP67

#### SPECIFICATIONS

<b>Amperage Control</b>	6,3A - 10,0A	<b>IP</b>	67
<b>Cable Gland</b>	M32		

Rotary lever actuation, motor protection with adjustment of the respective rated current, with phase turner and rotary field control, cable gland, Overload Protection: Automatically disconnects the motor in case of excessive current draw, preventing over



### FREE STAND INSTALLATION KIT **XIBEND80**

BEND 80-80

Discharge/elbow for vertical pumping



## ACCESSORIES

### GUIDE RAIL FITTING SYSTEM **XITSH811** TOSH-80

TOS is the basic guide-rail fitting system for Tsurumi pumps up 150mm discharge bore.

